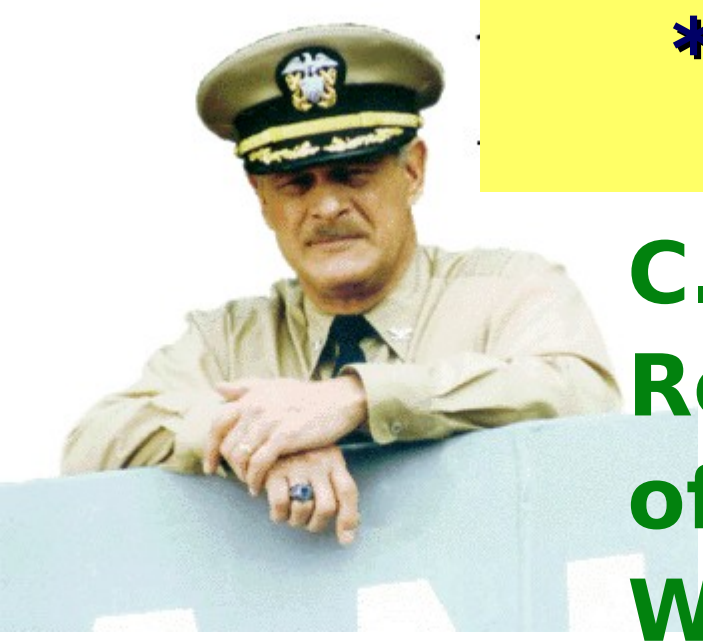
GFE DUTIES AND RESPONS - IBILITIES

Gas Free Requirements, Training, & Qualifications

1 per Ship	1 per Ship	1 per IET
E-7 or Above (DCA)	E-6 or Above	min E-5 or Above
40 Hrs Practical U/I (Waiverable *)	40 Hrs Practical U/I	Complete PQS
CO's Designation Letter	CO's Designation Letter	CO's Designation Letter
Annual CPR	Annual CPR	



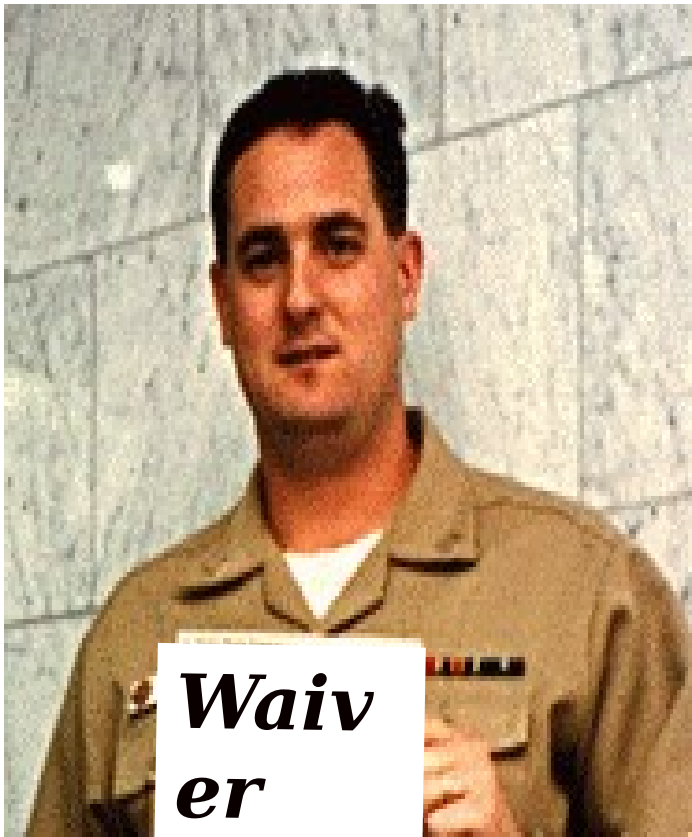
* GAS FREE ENGINEER WAIVER

C.O. May Waive Requirement for 40 Hours of Practical Training in Writing if:

- **Candidate Has Graduated from Approved Training Within Past 36 Months**

AND

- **Unit Does Not Have Qualified GFE Onboard**



Gas Free Tests & Certificates for Initial Entry

Any Space Test

Including:

- **Confined Spaces w/ Toxins / Flammables**
- **IDLH Spaces (w/ CO's Permission)**
- **Tank Cleaning, Confined Space Painting**
- **Inerting, Pressing Up**

Any Space Test Delegated by GFE

Same as GFE if Specified in Designation Letter Signed by CO

Routine Space Tests as Delegated by GFE

Must be Experienced, Qual'd, Specified in CO's Letter

- **No Spaces w/ Toxic / Flammable Materials**
- **No CHT, Fuel, IDLH Spaces**
- **No Tank Cleaning, Confined Space Painting**

Hot Work Inspections, Tests & Certificates

Any Hot Work

Including Hot Work On or Near :

- **Spaces w/ Flammables**
- **Machinery/Engine Rooms, Catapults, Bilges**
- **Pressurized Systems, Pipes, Coils, Pumps**
- **Hollow Drums,**

Any Hot Work Delegated by GFE

Same as GFE if Specified in Designation Letter Signed by CO

Routine Hot Work as Delegated by GFE

- **No Spaces w/ or Near Flammable Boundaries**
- **No Machinery/Engine Rooms, Catapults, Bilges**
- **No Pressurized Systems, Pipes, Coils, Pumps**
- **No Hollow**

Gas Free Program Administration

GFE	GFEA	GFEPOs
GF Program Manager	GF Program Assistant	GF Program Personnel
Establish Requirements in Gas Free Instruction	Enforce GFE Instruction	Follow GFE Instruction
Establish Emergency Rescue & Medical Treatment	Train Emergency Rescue & Medical Response	Know Emergency Rescue & Medical Response
Maintain GF Log	Gas Free Log	Gas Free Log

Gas Free Program Administration

GFE

GF Program Manager

Establish Requirements in Gas Free

Instruction

Establish Emergency

Rescue & Medical

Treatment

Maintain GF Log

APPENDIX C:

p. C-1 : SAMPLE GAS FREE NOTEBOOK

p. C-2: SAMPLE GAS FREE INSTRUCTION

p. C-18 - 20: SAMPLE DESIGNATION LETTERS

p. C-28: EMERGENCY CHECKLIST

APPENDIX B: SAMPLE TRAINING OUTLINE

Safety Supervision

GFE	GFEA	GFEPOs
GF Safety Officer	**GF Safety Supervisor**	**Fire Marshall (usually)**
• Enforce Proper Procedures • Ensure Personnel Work in Pairs with an Observer (***Not*** Working Alone) • Stop Work if Unsafe • Notify GFE of	• Enforce Proper Procedures • Ensure Personnel Work in Pairs with an Observer (***Not*** Working Alone) • Stop Work if Unsafe • Notify GFE of	• Enforce Proper Procedures • Ensure Personnel Work in Pairs with an Observer (***Not*** Working Alone) • Stop Work if Unsafe • Notify GFE of

RECERTIFICATION PROCEDURES

1. **Engaged in GFE During the Year, Issued 10 Certificates**
   - **a.) If Above Has *Not* Been Satisfied, Complete 5 Gas Free Evolutions Under Supervision of a Certified GFE**
   - **b.) If Above Is *Not* Possible, Complete an Oral/Written Exam and a Practical Exercise**
2. **Annual Refresher in CPR & Emergency Rescue Procedures**

ANNUAL AUDIT PROCEDURES

- **Ship's Safety Officer Shall Annually Audit GFE Program (NAVOSH 5100.19D)**
- **Audit Follows Checklist (Appendix B8-A in 5100.19C)**
- **Evaluates the GFE Service Personnel for Recertification**
- **Document Crew Training Upon Reporting & Annually**
- **GFE Personnel Letter of Designation and Qualifications Shall be Recorded in Individual's Service Record**

ANY QUESTIONS?

- **QUESTION #1: How Often is the Gas Free Program Audited? Who is the Inspector?**

- **Annually**
- **Safety Officer**

QUESTION #2: Describe the Recertification Procedures for all GF Personnel

- **Issue 10 Certificates**
- **If Not Feasible, Perform 5 GFE Evolutions Under GFE Supervision**
- **Or Oral/Written and Practical Exam**
- **CPR Qual**